

REQUEST FOR QUOTATIONS (THIS IS NOT AN ORDER)		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE OF PAGES 1 28	
1. REQUEST NO. N00174-06-Q-0130	2. DATE ISSUED 08-Aug-2006	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING DO-C9E	
5a. ISSUED BY NAVSEA INDIAN HEAD 101 STRAUSS AVE. BLDG. 1558 ATTN: AMANDA BRAY C11F AMANDA.BRAY@NAVY.MIL INDIAN HEAD MD 20640-5035			6. DELIVER BY (Date) SEE SCHEDULE		
			7. DELIVERY <input checked="" type="checkbox"/> FOB <input type="checkbox"/> OTHER DESTINATION (See Schedule)		
5b. FOR INFORMATION CALL: (Name and Telephone no.)(No collect calls) AMANDA L. BRAY 301/744-6635					
8. TO: NAME AND ADDRESS, INCLUDING ZIP CODE			9. DESTINATION (Consignee and address, including ZIP Code) SEE SCHEDULE		
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS: (Date) 16-Aug-2006					
IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.					
11. SCHEDULE (Include applicable Federal, State, and local taxes)					
ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
SEE SCHEDULE					
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS %	b. 20 CALENDAR DAYS %	c. 30 CALENDAR DAYS %	d. CALENDAR DAYS No. %
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached.					
13. NAME AND ADDRESS OF QUOTER (Street, City, County, State, and ZIP Code)			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION
			16. NAME AND TITLE OF SIGNER (Type or print)		TELEPHONE NO. (Include area code)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		1	Each		

HEATED PLATEN PRESS

down acting, hydraulic, to be manufactured in accordance with the attached technical specification, and drawings.

A preaward survey may be required. The customer reserves the right to require or waive such survey at their discretion.

HEATED PLATEN PRESS SPECIFICATION

SPECIFICATION FAH06-008

Revision -

CMC FACILITY EQUIPMENT

JUNE 19, 2006

1.0 SCOPE

- 1.1 Description of work. Provide design, fabrication, turnkey installation, and check out of one (1) down acting hydraulic press complete and ready for operation for Alliant Techsystems Tactical Systems Division (ATK TSD) Allegany Ballistics laboratory (ABL), Rocket Center, West Virginia. Turnkey installation shall include all equipment, materials, labor, installation, transportation to ABL, unloading, moving into place, hook-up, start-up and testing.
- 1.2 A detailed schedule of the design, build, and install phase shall be provided with bid.
- 1.3 Bid prices shall be based on one (1) hydraulic press.
- 1.4 Equipment design/specification sheets shall be included with the bid submittal to verify that the equipment meets or exceeds this specification. A preliminary hydraulic schematic shall be included in the bid submittal. A list of additional available and/or recommended options with pricing shall also be submitted for review including spare parts list.
- 1.5 References. The latest publications listed below form a part of this specification to the extent referenced.

NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION (NEMA)

NEMA ICS 1	Industrial Control and Systems
NEMA ICS 2	Industrial Control Devices, Controllers and Assemblies
NEMA ICS 3	Industrial Systems
NEMA ICS 4	Terminal Blocks for Industrial Use
NEMA ICS 6	Enclosures for Industrial Control and Systems
NEMA MG 1	Motors and Generators

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 70	National Electrical Code, latest edition
NFPA 79	Electrical Standard For Industrial Machinery

2.0 GENERAL REQUIREMENTS

- 2.1 Press capacity shall be 50 ton.
- 2.2 The press shall be furnished by one (1) nationally recognized source of manufacture. This manufacturer shall have produced this type of equipment for a period of at least five (5) years and shall guarantee the entire system in accordance with Section 7.0
- 2.3 The press shall be designed for installation on an existing reinforced 8" concrete slab provided by others without additional modifications to the slab. The press shall be designed such that all operating loads are absorbed by the press frame and only the dead weight of the press and the materials in the press are transferred to the floor. The configuration will be a four-post design.
- 2.4 The manufacture shall minimize the footprint of the press and hydraulic system to the best of manufacturing capabilities.
- 2.5 Maximum height of the press shall be less than 10'.
- 2.6 Ensure that the front of the press remains unobstructed so that a cart and mold can be pushed up to the front of the press and that the mold may be slid by ball transfer rollers into the press.
- 2.7 The bottom platen of the press shall be fixed at a height of 36"±1/16" above the finished floor. The top platen shall be attached to the hydraulic ram and guided by the four precision-machined posts. Bronze bushings or better shall be press-fitted in the top platen to reduce friction between the platen and the posts. The front of the press shall have (2) guide pins to accept a transfer cart. Both guide pins shall be 3" long by 3/4" diameter with a forward taper section.
- 2.8 ATK will provide single point of connection utilities to the equipment. Provide as part of the quotation all utility and exhaust requirements.

- 2.9 Each press shall be supplied with 4" dial pressure gauges with readout in psi on both the ram supply and return lines located for easy viewing and out of harms way.
- 2.10 The press shall be designed for high speed traverse (opening and closing speed) under no load conditions and have a bumpless transition to slow speed, closed loop pressure control.
- 2.11 A single, variable displacement pump rated for optimal press performance is to supply the press. GPM maximum flow is to be provided with bid.
- 2.12 The hydraulic control hardware, provided by the press manufacturer, shall be mounted in such a way that it does not impede operation. Make all hydraulic connections between the press and the hydraulic supply. Any plain steel piping, brackets, supports, etc. shall be painted with one (1) coat zinc-rich base primer and two (2) coats alkyd enamel minimum. Color TBD at installation.
- 2.13 All process piping shall be labeled.
- 2.14 Both upper and lower platens of the press shall have heating and cooling capabilities.
 - 2.14.1 Heating and cooling shall be uniform across the platens within $\pm 5^{\circ}\text{F}$ as measured by embedded TCs.
 - 2.14.2 Heating/Cooling System - The base quotation shall be based on a system with electrically heated (480V/3Ph/60Hz) and water cooled platens.
 - 2.14.2.1 The components for the cooling unit shall be assembled on a common heavy-duty structural steel base with fork channels located at unit center of gravity to facilitate transportation. Sufficient bracing and gussets shall be provided to prevent damage to components or assembly during transportation and handling.
 - 2.14.2.2 The completed system shall be certified to 1.5 times the operating pressure.
 - 2.14.2.3 All parts subject to corrosion must be cleaned, primed and painted with two coats of machinery enamel.
 - 2.14.2.4 Any pressurized tanks shall be ASME coded and certified.
 - 2.14.2.5 Heat exchangers, pumps, and control valves shall be mounted for easy access and removal.
 - 2.14.2.6 In addition to thermocouples necessary for unit control, dial thermometers shall be located at all necessary surveillance points including fluid supply and return temperatures. Dial thermometers installed throughout the system to measure fluid temperatures shall be designed for maintenance and service. Design accuracy shall be $\pm 1\%$

of full scale or better. Full scale range shall be such that design temperature is approximately at mid-point with 2°F temperature increments.

2.14.2.7 The unit shall be supplied completely pre-wired and pre-piped requiring only single point connections.

2.14.3 As an option please include the cost of oil heating and cooling of the platens in place of the electric heat and water cooling.

2.15 Platens. See Figure 1 and Figure 2 for estimated platen layout. Perform all dimensional and structural calculations for T-brackets, bolts, and holding fixture.

2.15.1 Lower Platen. The lower platen of the press shall be fitted with minimum 1" diameter hydraulic actuated ball transfer rollers in locations as defined in Figure 2. The ball transfer rollers shall be fitted such that in the fully retracted mode the upper surface of the ball is below the surface of the lower platen, and in the fully extended mode the upper surface of the ball is at least $\frac{1}{4} \pm \frac{1}{16}$ " above the surface of the lower platen and $36 \pm \frac{1}{16}$ " from floor height. The total capacity of the ball transfer rollers shall be capable of supporting 1000 lbs minimum over the 30"x30" area of the largest mold at the $\frac{1}{4} \pm \frac{1}{16}$ " fully extended mode and not drop below $\frac{1}{4} \pm \frac{1}{16}$ " above the lower platen surface. The lower platen shall also be fixtured with movable side and rear blocks to accept lower molds of 7"x30"x3" and 30"x30"x3". Side and rear blocks shall be $2 \pm \frac{1}{16}$ " high. The lower platen shall have a front quick clamping/locking feature to lock the top and bottom molds tight against the rear block. All blocks shall be anchored with tapped inserts as denoted in Figure 2.

2.15.2 Upper Platen. The upper platen shall have movable T-brackets and rear stop blocks as shown in Figure 1. The T-brackets shall be able to support 1000lb minimum and accept upper molds of 7"x30"x3" and 30"x30"x3". All blocks and T-brackets shall be anchored with tapped inserts as denoted in Figure 1.

2.15.3 The platens, T-brackets and stop blocks shall have a flatness of .002"/ft and parallelism of <.002"

2.16 All belts, pulleys, drive shafts, motors and pinch points shall be guarded in accordance with the applicable OSHA standards.

2.17 Asbestos shall not be used in any form in the construction of this press.

2.18 Equipment shall be furnished with OSHA standard Lock-out Tag-out features to ensure safe maintenance of equipment. All isolation valves shall be lockable.

3.0 PERFORMANCE

3.1 The press shall be designed to operate from 2 % to 100% of the maximum tonnage with a control deviation of $\pm 1\%$ of the maximum. The press shall be rated for 50 tons using a fixed hydraulic supply pressure.

- 3.2 The platens on the press shall be sized such that the minimum in clear working space is 40" by 40" with a minimum daylight opening of 24". The hydraulic ram shall be sized such that the platen will close through the daylight opening.
- 3.3 The hydraulic ram shall be designed to provide the necessary tonnages described in Paragraph 3.1. The hydraulic supply system to the press outlined in this specification shall be provided by the subcontractor. The press shall be delivered completely piped and require only single point connections for the hydraulic supply and return.
- 3.4 The platens shall be designed to minimize deflection. The maximum allowable deflection shall not exceed 0.002"/ft at maximum loading distributed over the worst case 13% of area.
- 3.5 The rams of the press shall have a high speed opening and closing mode of 100 IPM to 185 IPM under "no load" conditions. The rams of the press shall also have a jog speed opening and closing mode of 50 IPM to 75 IPM under "no load" conditions. High speed or jog speed operation of the ram shall be selected via the directional control switch.
- 3.6 The press shall also be provided with an accumulator sized to provide the necessary flow to the servo valves for a period of 20 seconds minimum to maintain full pressure on the press part during the load portion of the cycle.
- 3.7 Stress levels of all press members shall not exceed industry standards.
- 3.8 The press platens shall be designed to operate from 140°F to 500°F minimum with a control deviation of $\pm 1^\circ\text{F}$. The press platens shall have a heat up and cool down rate range of 5°F/minute to 30°F/minute.
- 3.9 Thermocouples. There shall be 9 equally spaced Type J thermocouples internal to each upper and lower platen for temperature monitoring. In addition the controller shall be able to accept a minimum of 15 additional Type J thermocouples which will be imbedded in future molds. For a minimum of 33 Type J thermocouples.
- 3.10 The lower press platen hydraulic transfer rollers shall be actuated from a directional control switch between the upper and lower mode. Subcontractor may also elect to bid an alternate transfer roller design.
- 3.11 The press shall be capable of controlling temperature and pressure simultaneously.
- 3.12 Pressure Control.
 - 3.12.1 The pressure control shall be provided through a servo valve arrangement which will operate from 0-100% of the supply pressure range through a closed loop feedback control. When the press switches to pressure control, the press shall have a maximum traverse speed of 1 to 10 IPM.
 - 3.12.2 The press shall be equipped with an adjustable limit switch for determining when the control system shall assume control of the press. The limit switch shall be capable of adjustment throughout the full range of ram motion.
 - 3.12.3 The press control system shall be capable of providing a cycle with the following minimum features: High speed closure using the dual palm buttons to within 1" of the mold. Limit switch trips at which time the servo control system shall assume control of the press via

pressure feedback and press shifts to slow. Upon full closure of the press, the servo control system runs commanded pressure profile. For instance: Opens pressure ramp to set point, soak at pressure, ramp temperature to set point, soak at temperature, ramp down temperature to less than 140°F, ramp down to zero pressure at which time the Press will then be fully opened by the dual palm buttons.

- 3.12.4 The pressure shall be capable of being controlled within 2% of the operating pressure.
- 3.13 Temperature control. The temperature control shall be provided via J Type thermocouples through a standard I/O board to the main control panel. Temperature shall be able to be monitored real time by both chart and text format. Temperature recipe control shall be controlled by up to 15 part thermocouples via lead and lag TC. Platen thermocouples shall be recorded for information
- 3.14 A security feature shall be included which incorporates several levels of access to prevent unauthorized personnel from modifying cycles.
- 3.15 Data Acquisition. The system shall be capable of monitoring, logging and storing serial number(s), tool number, recipe, cure cycle identification (unique number), time, temperature (33 TCs), and pressure readings as a minimum every 5 minutes during the cycle and shall be generated during each cycle.
- 3.16 Dual Palm Button Controls. The press shall be equipped with dual palm button controls designed in accordance with the latest OSHA requirements. The safety device shall be interlocked with the press control system to assure the press cannot be operated unless both palm buttons are engaged. Buttons shall be located on operator side of press.
- 3.17 Directional Control. The system shall have a three position, directional control switch that will select the operation mode of the press. The three modes of operation shall be advance (jog down), retract (jog up) or run (advance at high speed/shift to slow speed and pressure/temperature control).
- 3.18 Emergency Stop. The system shall have an emergency stop button to shut off the hydraulic and heating supply to the press.
- 3.19 In addition to the emergency stop button the subcontractor shall also include in bid additional safety features that will protect the operator when working between the platens of the press when the press is not in run mode.
- 3.20 Additional Safety Equipment. The control system shall also include any additional controls necessary to fabricate the press to be in accordance with the latest OSHA requirements for operator safety. The manufacturer shall also submit additional safety equipment available for evaluation with the bid proposal.
- 3.21 Control panels and electrical components shall conform to the latest versions of NFPA and NEMA as applicable.
- 3.22 Control Power. Power to all controls shall be 120-VAC, 60-Hz, single phase.
- 3.23 Press Control Center. The press shall be provided with a NEMA 12/13 dust-tight/oil-tight factory wired control center incorporating push-button stations, indicating lights, safety device(s) and other required safety devices, timers, etc. The control center shall be prewired and tested at the factory and shall require only a single point power connection. The control panel shall be complete with a main disconnect switch, fuse blocks and numbered terminal strip with 10 spares. The control center shall

be as small as possible but with adequate room for components and shall not interfere with normal operations. The control center shall also feature an operator terminal for selecting recipes and reviewing temperature and pressure data.

- 3.24 During an electrical power loss to the building the press shall remain in its current position.
- 3.25 Pilot Lights: Panel mounted pilot lights shall be NEMA 12/13 dust-tight/oil-tight, push-to-test transformer type for 6-8 VAC lamps. Lamps shall be replaceable by removal of color cap.
- 3.26 In addition to the Control system listed in section 4, a visual running light tower (red, yellow, green) shall be incorporated into the system to indicate if the system is running, idle, or e-stopped.
- 3.27 Push-Button Stations. Stations shall be NEMA 12/13 dust-tight/oil-tight, momentary or maintained contact type, as required. Start-push-buttons shall have a fully guarded or flush black operator button. Stop-push-buttons shall have an unguarded or extended red operator button.
- 3.28 Selector Switches. Switches shall be NEMA 12/13 dust-tight/oil-tight, momentary or maintained contact type, as required, with standard operator.

4.0 **CONTROL SYSTEM**

- 4.1 PLC controller shall be an Allen-Bradley ControlLogix or CompactLogix with compact flash, Ethernet TCP/IP interface, and sufficient memory to support process application and future upgrades. Controller programming software shall be RSLogix 5000 (latest revision).
- 4.2 Operator interface stations, where utilized, shall be PC based or Allen-Bradley Panelview. Operator interface stations shall be generated using RSView Studio ME, SE.
- 4.3 Critical process data parameters, as defined by ATK and/or equipment supplier, shall be monitored and recorded via ATK's data collection system. ATK's data collection system receives data from the Allen-Bradley PLC controller via an OPC server. Therefore, all critical process data parameters shall be available through the Allen-Bradley PLC controller.
- 4.4 The system shall provide audible and visual alarms when process is out of defined tolerances.

5.0 **HUMAN MACHINE INTERFACE (HMI) RECIPE CREATION, DEFINITION, AND EXECUTION**

- 5.1 General.
 - 5.1.1 The Allen-Bradley HMI controller shall be configured/programmed in such a way to accept pre-defined recipes and execute those recipes automatically.
 - 5.1.2 The HMI shall be capable of holding at least 10 individual recipes. Recipes shall be able to be written over or replaced.
 - 5.1.3 Each recipe shall be capable of holding at least 15 individual stages.
- 5.2 Recipe Creation.

- 5.2.1 Each recipe shall be created by the cognizant engineer as determined for each piece of equipment.
- 5.2.2 Recipe creation/editing shall be capable of accepting all parameters of the equipment including but not limited to: Thermocouples (LeadTC and LagTC), and Pressure Sensors.
- 5.2.3 Recipes shall be capable of instituting alarm/control limits for all previously mentioned parameters.
- 5.2.4 Ramp rates, soaks/holds shall be pre-defined when creating/editing the recipe. Ramp rates, soaks/holds shall have alarm/control limits for tolerancing purposes.
- 5.2.5 HMI for recipe creation/editing shall be graphical user interface and easily programmable.
- 5.2.6 Individual recipes shall be capable of being named and saved on a local hard drive or server.
- 5.2.7 All recipe creation/editing shall be password protected.
- 5.2.8 Recipes shall have revision control when being edited.
- 5.3 Recipe Definition.
 - 5.3.1 Each recipe shall be uniquely defined as it's saved file name as well as revision and the name and revision shall be present on the HMI screen during recipe execution.
 - 5.3.2 All stages in each recipe shall be defined and available for operator review via a graphical user interface prior to and during the execution of the recipe.
- 5.4 Recipe Execution.
 - 5.4.1 The operator shall be able to load each recipe individually from the HMI for execution.
 - 5.4.2 The operator shall be able to start each recipe from the HMI including any checks necessary for operation.
 - 5.4.3 After being loaded and executed each recipe shall run automatically. However, during execution there shall be a password protected manual override for ramps and soaks.
 - 5.4.4 The operator shall be capable of removing a redundant TC, pressure, vacuum, or O2 sensor if acting erroneously during recipe execution. The recipe shall default to the next sensor for recipe control.
 - 5.4.5 The HMI shall indicate when the recipe has completed execution.

6.0 ELECTRICAL

- 6.1 Power supply available at ATK is 480V/3ph/60hz. Provide any transformer(s), wiring devices, surge protection, motor starters, etc. required to operate each machine as a complete and useable system requiring only single point electrical connection. Surge protection (TVSS) shall be installed at single point power connection. TVSS shall be rated at 120k amps and shall provide all modal and filter protection recognized under UL 1449 2nd Edition and UL 1283, Joslyn, Innovative Technologies or approved equal.
- 6.2 Each piece of equipment shall have a main power disconnect, fused as required with lockout capability. All equipment shall be new, and conform to latest industry standards and practices. Switch ratings of voltage, ampacity, horsepower and inductive ratings shall comply with power source voltage and characteristics of load controlled. Mechanisms shall be heavy duty, quick-make, quick-break with voidable interlock to prevent opening enclosure in "ON" position. External-lockable handle operation with provisions for not less than two padlocks. Poles and fusing shall comply with load requirements. Provide fused switches to comply with Code requirements. Where fuses are installed, use dual element fuses.
- 6.3 Provide electrical current requirements, recommended feeder and circuit breaker size information in submittal data for review and approval.
- 6.4 All electrical enclosures and installation shall be NEMA 12/13 dust-tight/oil-tight, and UL listed.
- 6.5 Provide pilot lights and control devices operable at front of enclosure without opening enclosure. Devices shall be rated NEMA 12/13 dust-tight/oil-tight.
- 6.6 All wires and cables shall be labeled with heat-shrink, pre-printed labels at all connection points in agreement with manufacturer's drawings.
- 6.7 Conductors for all wire and cable, unless otherwise noted, shall be stranded copper with 600 VAC insulation.
- 6.8 Provide electrical and pneumatic devices in NEMA 12/13 dust-tight/oil-tight enclosures.
- 6.9 System conduit shall be rigid galvanized steel.
- 6.10 Vendor shall provide hardware, isolation transformers, filters, etc. to protect ATK's power grid from equipment loading effects such as harmonics, power factor degradation and voltage fluctuations.

7.0 EXECUTION

- 7.1 Provide 3 hard sets and 2-copies on CD ROM (drawings shall be in .DWG format) of installation drawings. Drawings/file to be in English language, and as a minimum provide accurate overall dimensions, show all areas where unobstructed access is required for assembly, operation, maintenance and code compliance, and identify utility requirements and points of connection.
- 7.2 Locations and Clearances. Equipment shall be designed so that working space is available for necessary servicing such as shaft removal, replacing or adjusting drives, motors, or shaft seals, access to automatic controls, lubrication, and oil draining. If this space is larger than the equipment operating envelope, this information shall be supplied with the bid proposal for evaluation. Provide access panels for concealed controls and control devices and items requiring periodic operation, inspection, or maintenance. Access panels shall be of sufficient size and so located that concealed items may be serviced and maintained or removed and replaced

- 7.3 Identification Tags and Plates. Provide equipment with tags numbered and stamped for their use. Plates and tags shall be brass or nonferrous material. Minimum letter and numeral sizes shall be 1/8-inch high.
- 7.4 Operating Instructions. Provide 3 bound Operator's Manuals including any as-built as required (1-hard copy) and 2-copies on CD ROM (drawings shall be in .DWG format – spread sheets in Microsoft Excel – Specifications, instructions, & etc in Microsoft Word) to include but not be limited to the following items:
- 7.4.1 Provide operating instructions.
- 7.4.2 Provide maintenance instructions including planned maintenance schedule, machine and control wiring, electronic, ladder diagrams, and lock-out tag-out procedures including locations and energy sources.
- 7.4.3 Provide certification of all coded pressure vessels and piping pressure tests.
- 7.5 Initial Start-Up, Operational Test, Personnel Training. After equipment is installed, the services of a competent technician shall be provided for the initial start-up. The equipment shall be started and operated under all modes of operation. Safety and automatic control instruments shall be adjusted. Tune the hydraulic control to meet the performance characteristics outlined. All necessary corrections required after the operational test shall be done without additional cost. The technician shall also provide 1 working week 40 hrs for the instruction of operating personnel and maintenance personnel in the proper operation and maintenance of the equipment. Test the press for each item listed in this specification and provide a report for the press in writing that it meets or exceeds each performance item.

8.0 **WARRANTY**

- 8.1 Machine performance shall meet or exceed the minimum performance standards as outlined in this specification. Manufacturer is responsible to take whatever steps are necessary to meet the standards at his expense.
- 8.2 Machine and controls shall be guaranteed (parts and labor) for minimum of (2) two years from the date the press is accepted in writing.
- 8.3 Make every effort to have a field service representative on site within 24 hrs of a machine failure if the failure cannot be easily corrected by ATK with phone support . If parts are not available within this time period, they shall be transported by the fastest possible means regardless of the cost. All shipment cost during the warranty period shall be borne by the subcontractor.
- 8.4 Software upgrades shall be free for the life of the press.

9.0 **OTHER REQUIREMENTS**

- 9.1 Provide as a separate line item in the quote the spare parts list and pricing for 2 of each spare part, associated tools needed for maintenance and standard use of the equipment (wrenches, screwdrivers, ect.), a rolling tiered toolbox to hold associated tools, and a 5 megapixel still camera with minimum 256mb Flash card, minimum 3x zoom and capabilities to download processing pictures for 7 engineers via USB or 7 memory card readers.
- 9.2 Quotes shall be evaluated on price and delivery criteria.
- 9.3 Each line item of this specification is to be answered either comply or not comply. Any element of deviating from this specification shall be so noted with explanations.
- 9.4 Proposals should include but not be limited to supplying complete background information, maintenance logs, etc.
- 9.5 Construction modifications to the facility in which this press is planned for installation will not be complete until 12/1/06. The press must be installed and functional no later than 12/31/06 (*these dates may have moved up, verification will be forthcoming*).
- 9.6 Manufacturer is responsible to protect the existing floor coating to prevent any damage as he travels on it or moves equipment over it.

CLAUSES INCORPORATED BY REFERENCE

252.204-7001	Commercial And Government Entity (CAGE) Code Reporting	AUG 1999
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CLAUSES INCORPORATED BY FULL TEXT

52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

Common parent, as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

Taxpayer Identification Number (TIN), as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

___ TIN:-----

___ TIN has been applied for.

___ TIN is not required because:

___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

___ Offeror is an agency or instrumentality of a foreign government;

___ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other-----

(f) Common parent.

___ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

___ Name and TIN of common parent:

Name-----

TIN-----

(End of provision)

52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (FEB 2006)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iv) 52.225-13, Restrictions on Certain Foreign Purchases (FEB 2006) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(vi) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(2) Listed below are additional clauses that apply:

(i) 52.232-1, Payments (Apr 1984).

(ii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.232-25, Prompt Payment (Oct 2003).

(v) 52.233-1, Disputes (Jul 2002).

(vi) 52.244-6, Subcontracts for Commercial Items (FEB 2006).

(vii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JAN 2005) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (DEC 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793) (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.).

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212) (Applies to contracts over \$25,000).

(vi) 52.222-41, Service Contract Act, As Amended (JUL 2005) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands.).

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Aug 2003) (E.O. 13148) (Applies to services performed on Federal facilities).

(viii) 52.225-1, Buy American Act--Supplies (June 2003) (41 U.S.C. 10a-10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the **acquisition--**

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000.)

(ix) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (May 1999). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(x) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (Oct 2003). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d)).

(2) Listed below are additional clauses that may apply:

(i) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JAN 2005) (Applies to contracts over \$25,000).

(ii) 52.211-17, Delivery of Excess Quantities (SEPT 1989) (Applies to fixed-price supplies).

(iii) 52.247-29, F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(iv) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) FAR 52.252-2, Clauses Incorporated by Reference (FEB 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

(Insert one or more Internet addresses)

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 333513 (insert NAICS code).

(2) The small business size standard is 500 employees (insert size standard).

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations. (1) The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(6) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:_____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(c) Definitions. As used in this provision--

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women; in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (JUN 2003)

(a) Definition.

"Small business concern," as used in this clause, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the size standards in this solicitation.

(b) General. (1) Offers are solicited only from small business concerns. Offers received from concerns that are not small business concerns shall be considered nonresponsive and will be rejected.

(2) Any award resulting from this solicitation will be made to a small business concern.

(c) Agreement. A small business concern submitting an offer in its own name shall furnish, in performing the contract, only end items manufactured or produced by small business concerns in the United States or its outlying areas. If this procurement is processed under simplified **acquisition** procedures and the total amount of this contract does not exceed \$25,000, a small business concern may furnish the product of any domestic firm. This paragraph does not apply to construction or service contracts.

(End of clause)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER—CENTRAL CONTRACTOR
REGISTRATION (OCT 2003)

(a) Method of payment. (1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT), except as provided in paragraph (a)(2) of this clause. As used in this clause, the term "EFT" refers to the funds transfer and may also include the payment information transfer.

(2) In the event the Government is unable to release one or more payments by EFT, the Contractor agrees to either--

(i) Accept payment by check or some other mutually agreeable method of payment; or

(ii) Request the Government to extend the payment due date until such time as the Government can make payment by EFT (but see paragraph (d) of this clause).

(b) Contractor's EFT information. The Government shall make payment to the Contractor using the EFT information contained in the Central Contractor Registration (CCR) database. In the event that the EFT information changes, the Contractor shall be responsible for providing the updated information to the CCR database.

(c) Mechanisms for EFT payment. The Government may make payment by EFT through either the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association, or the Fedwire Transfer System. The rules governing Federal payments through the ACH are contained in 31 CFR part 210.

(d) Suspension of payment. If the Contractor's EFT information in the CCR database is incorrect, then the Government need not make payment to the Contractor under this contract until correct EFT information is entered into the CCR database; and any invoice or contract financing request shall be deemed not to be a proper invoice for the purpose of prompt payment under this contract. The prompt payment terms of the contract regarding notice of an improper invoice and delays in accrual of interest penalties apply.

(e) Liability for uncompleted or erroneous transfers. (1) If an uncompleted or erroneous transfer occurs because the Government used the Contractor's EFT information incorrectly, the Government remains responsible for--

(i) Making a correct payment;

(ii) Paying any prompt payment penalty due; and

(iii) Recovering any erroneously directed funds.

(2) If an uncompleted or erroneous transfer occurs because the Contractor's EFT information was incorrect, or was revised within 30 days of Government release of the EFT payment transaction instruction to the Federal Reserve System, and--

(i) If the funds are no longer under the control of the payment office, the Government is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or

(ii) If the funds remain under the control of the payment office, the Government shall not make payment, and the provisions of paragraph (d) of this clause shall apply.

(f) EFT and prompt payment. A payment shall be deemed to have been made in a timely manner in accordance with the prompt payment terms of this contract if, in the EFT payment transaction instruction released to the Federal

Reserve System, the date specified for settlement of the payment is on or before the prompt payment due date, provided the specified payment date is a valid date under the rules of the Federal Reserve System.

(g) EFT and assignment of claims. If the Contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Contractor shall require as a condition of any such assignment, that the assignee shall register separately in the CCR database and shall be paid by EFT in accordance with the terms of this clause. Notwithstanding any other requirement of this contract, payment to an ultimate recipient other than the Contractor, or a financial institution properly recognized under an assignment of claims pursuant to subpart 32.8, is not permitted. In all respects, the requirements of this clause shall apply to the assignee as if it were the Contractor. EFT information that shows the ultimate recipient of the transfer to be other than the Contractor, in the absence of a proper assignment of claims acceptable to the Government, is incorrect EFT information within the meaning of paragraph (d) of this clause.

(h) Liability for change of EFT information by financial agent. The Government is not liable for errors resulting from changes to EFT information made by the Contractor's financial agent.

(i) Payment information. The payment or disbursing office shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. The Government may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods the payment office is capable of executing. However, the Government does not guarantee that any particular format or method of delivery is available at any particular payment office and retains the latitude to use the format and delivery method most convenient to the Government. If the Government makes payment by check in accordance with paragraph (a) of this clause, the Government shall mail the payment information to the remittance address contained in the CCR database.

(End of Clause)

52.247-45 F.O.B. ORIGIN AND/OR F.O.B. DESTINATION EVALUATION (APR 1984)

Offers are invited on the basis of both f.o.b. origin and f.o.b. destination, and the Government will award on the basis the Contracting Officer determines to be most advantageous to the Government. An offer on the basis of f.o.b. origin only or f.o.b. destination only is acceptable, but will be evaluated only on the basis submitted.

(End of provision)

252.204-7004 CENTRAL CONTRACTOR REGISTRATION (52.204-7) ALTERNATE A (NOV 2003)

(a) Definitions. As used in this clause--

“Central Contractor Registration (CCR) database” means the primary Government repository for contractor information required for the conduct of business with the Government.

“Commercial and Government Entity (CAGE) code” means--

(1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an “NCAGE code.”

“Data Universal Numbering System (DUNS) number” means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

“Data Universal Numbering System +4 (DUNS+4) number” means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

“Registered in the CCR database” means that--

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;

(2) The Contractor's CAGE code is in the CCR database; and

(3) The Government has validated all mandatory data fields and has marked the records “Active.”

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number-

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and Zip Code.

(iv) Company Mailing Address, City, State and Zip Code (if separate from physical).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g)

(1)

(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (MAY 2006)

(a) Definitions. As used in this clause--

(1) Contract financing payment and invoice payment have the meanings given in section 32.001 of the Federal Acquisition Regulation.

(2) Electronic form means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for

submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using one of the electronic forms provided for in paragraph (b) of this clause.

(3) Payment request means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

(b) Except as provided in paragraph (c) of this clause, the Contractor shall submit payment requests using one of the following electronic forms:

(1) Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA). Information regarding WAWF-RA is available on the Internet at <https://wawf.eb.mil>.

(2) Web Invoicing System (WInS). Information regarding WInS is available on the Internet at <https://ecweb.dfas.mil>.

(3) American National Standards Institute (ANSI) X.12 electronic data interchange (EDI) formats.

(i) Information regarding EDI formats is available on the Internet at <http://www.X12.org>.

(ii) EDI implementation guides are available on the Internet at <http://www.dod.mil/dfas/>.

(4) Another electronic form authorized by the Contracting Officer.

(c) If the Contractor is unable to submit a payment request in electronic form, or DoD is unable to receive a payment request in electronic form, the Contractor shall submit the payment request using a method mutually agreed to by the Contractor, the Contracting Officer, the contract administration office, and the payment office.

(d) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payments requests.

(End of clause)

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2003)

(a) At the time of each delivery of supplies or services under this contract, the Contractor shall prepare and furnish to the Government a material inspection and receiving report in the manner and to the extent required by Appendix F, Material Inspection and Receiving Report, of the Defense FAR Supplement.

(b) Contractor submission of the material inspection and receiving information required by Appendix F of the Defense FAR Supplement by using the Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA) electronic form (see paragraph (b)(1) of the clause at 252.232-7003) fulfills the requirement for a material inspection and receiving report (DD Form 250).

(End of clause)

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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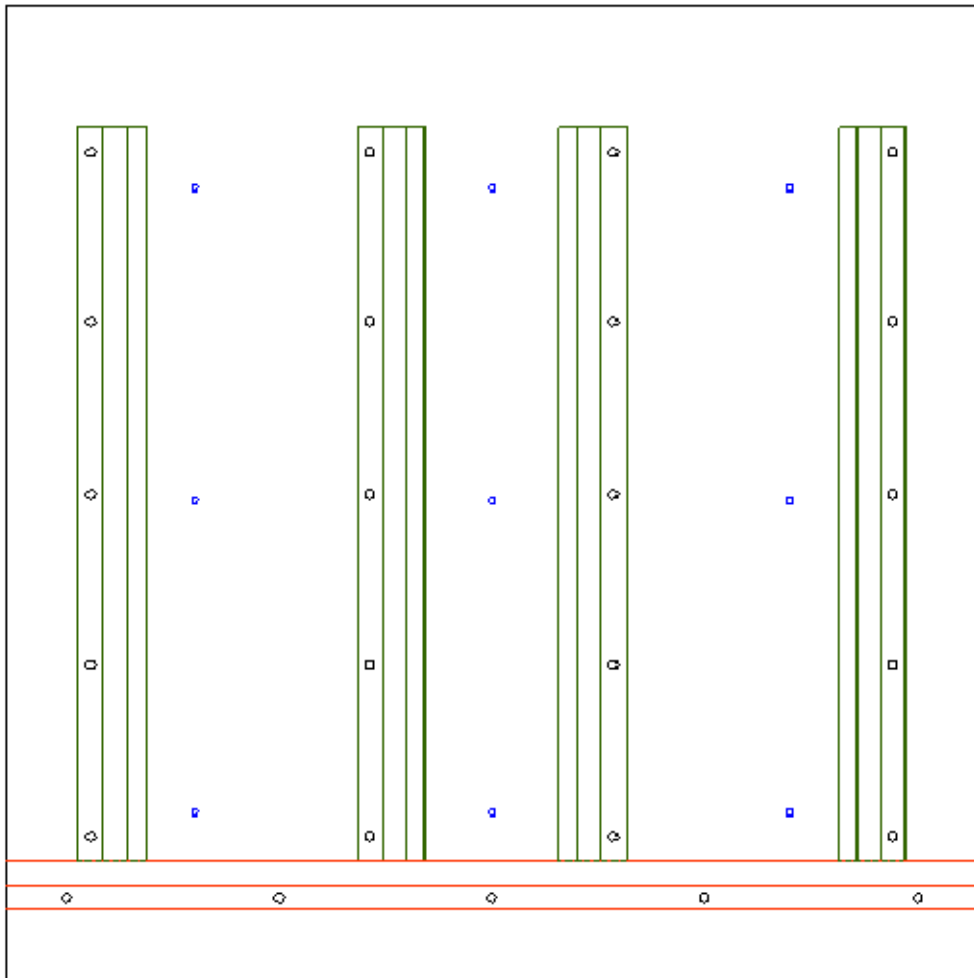
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1 EA

ATK Tactical Systems Division Company
210 State Route 956
Rocket Center, WV. 26726
Attn: Seth Whitacre
Phone: 304-726-5746
FOB:

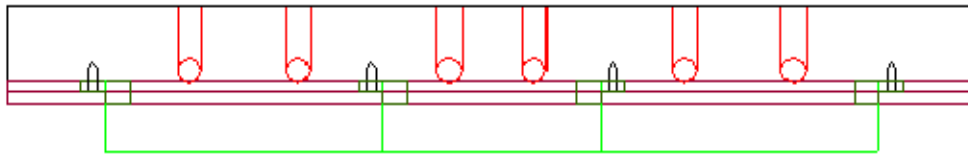


Front

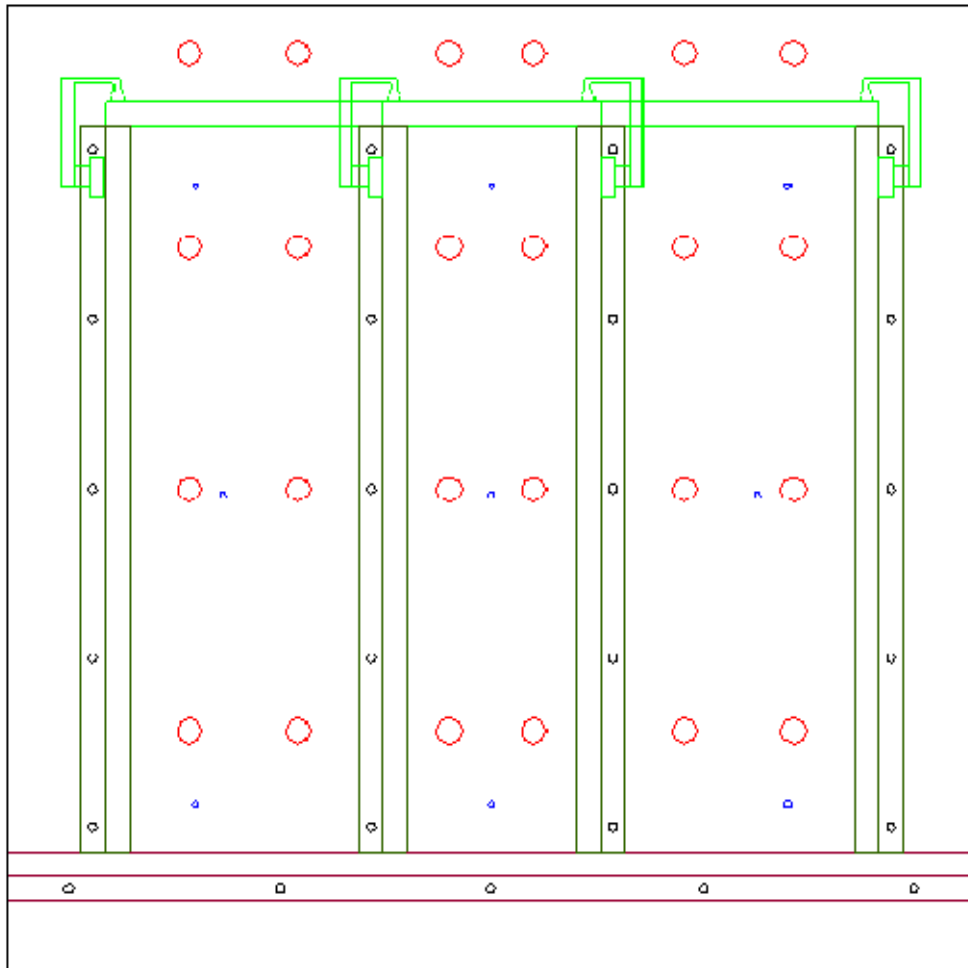


Rear

UPPER PLATEN



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